



## Bogdan Gabriel Drăghici

**Cetățenie:** română **Data nașterii:** 31/01/1999 **Gen:** Masculin

**Număr de telefon:** (+40) 725935099 **E-mail:** [dbogdangabriel@gmail.com](mailto:dbogdangabriel@gmail.com)

**Acasă:** Cluj-Napoca (România)

### EDUCAȚIE ȘI FORMARE PROFESIONALĂ

#### PhD

*UTCN, Faculty of Automation and Computer Science* [ 2024 – În curs ]

#### Master's Degree

*UTCN, Faculty of Automation and Computer Science* [ 2022 – 2024 ]

Localitatea: Cluj-Napoca

#### Bachelor Degree

*UTCN, Faculty of Automation and Computer Science* [ 2018 – 2022 ]

Localitatea: Cluj-Napoca | Țara: România

### EXPERIENȚA PROFESIONALĂ

**NTT Data** – Cluj-Napoca, România

#### DevOps Intern Part-Time

[ 26/10/2023 – 26/08/2025 ]

- training pe platforma Udemy
- Proiect pe AWS
- Part-Time (2H)

**Universitatea Tehnica din Cluj-Napoca** – Cluj-Napoca, România

#### Asistent universitar

[ 26/02/2024 – În curs ]

- Predare laborator Informatica Aplicata
- Predare proiect Digital Security
- Predare laborator Cyber-Physical Systems' Security

**Universitatea Tehnica din Cluj-Napoca** – Cluj-Napoca, România

#### Inginer de cercetare

[ 10/07/2023 – 31/08/2023 ]

- dezvoltare platforma ethi-co.eu

**Universitatea Tehnica din Cluj-Napoca** – Cluj-Napoca, România

#### Asistent de proiect

[ 01/08/2022 – 01/11/2022 ]

Research assistant, Cluj-Napoca Inno-EUt+ research assistant - Part Time

 **Corebuild SRL** – Cluj-Napoca, România

## Programator BACKEND

[ 01/07/2022 – 30/09/2022 ]

.NET Developer

 **Robert Bosch Engineerig** – Cluj-Napoca, România

## Working Student

[ 26/07/2021 – 26/10/2021 ]

ADAS Tester

## COMPETENȚE LINGVISTICE

---

**Limbă(i) maternă(e):** română

**Altă limbă (Alte limbi):**

**engleză**

COMPREHENSIVNE ORALĂ C1 CITIT C1 SCRIS B2

EXPRIMARE SCRISĂ B2 CONVERSAȚIE C1

**franceza**

COMPREHENSIVNE ORALĂ A1 CITIT A1 SCRIS A1

EXPRIMARE SCRISĂ A1 CONVERSAȚIE A1

*Niveluri: A1 și A2 Utilizator de bază B1 și B2 Utilizator independent C1 și C2 Utilizator experimentat*

## COMPETENȚE

---

### Programming

Python / C, C++ C# / HTML5/CSS, Javascript / NAOqi / GIT / SQL

### Automation

Arduino / Matlab,Matlab Simulink / AutoCAD

### Tools&Platforms

Unity / Google Cloud Platform / Visual studio

## PUBLICAȚII

---

[2024]

**Security Analysis and Architecture of a Blazor-Based Web Application, International Conference on**

**Electronics** Radu-Adrian Calomfirescu, Cristian Dan, Florin-Cosmin Iacobut, Bogdan Gabriel Drăghici and Ovidiu

Petru Stan

IEEE Xplore Article, (Accepted for Publication Index IEEE)

[2024]

**Bacterial-fungicidal vine disease detection with proximal aerial images** Delia Elena Székely, Darius Dobra,

Alexandra Elena Dobre, Victor Domșa, Bogdan Gabriel Drăghici, Tudor-Alexandru Ileni, Robert Konievic, Szilárd

Molnár, Paul Sucala, Elena Zah, Adrian Sergiu Darabant, Attila Sándor, Levente Tamás

Heliyon, Volume 10, Issue 14, 2024, e34017,ISSN 2405-8440

[2024]

**Smart Agriculture: Farm Management through IoT with Predictive and Precision Monitoring** A.E. Dobre, B. G. Drăghici, B. Ciobanu, O. P. Stan and L. C. Miclea, Presented at AQTR.

IEEE Xplore Article

[2022]

**DEVELOPMENT OF A HUMAN SERVICE ROBOT APPLICATION USING PEPPER ROBOT AS A MUSEUM GUIDE** B.G. Draghici, A.E. Dobre, M. Misaros O.P. Stan, Presented at AQTR.

IEEE Xplore Article

[2022]

**FROM PEPPER'S PHOTOGRAPHIC LESSONS TO APPOINTMENT APPLICATION** B.G. Draghici, A.E. Dobre, M. Misaros O.P. Stan, L.C. Miclea, Presented at ICSTCC.

IEEE Xplore Article

---

## HOBBY-URI ȘI TEME DE INTERES

**List:** reading/ researching/ bodybuilding/ gaming

---

## VOLUNTARIAT

[ 2016 ]

**Voluntary - In project Hero(speaker)**

---

## PERMIS DE CONDUCERE

**Permis de conducere:** B

---

## PERSONAL PROJECTS

**The followings:**

- A Roguelike game in Unity. Where the user had to control the character to escape the labyrinth.
- Many projects in Arduino such as Sonar using ultrasonic sensors, temperature control utilizing a fan to cool the environment, and a few things for a "Smart Home".
- Database with an interface created in Visual Studio with C# and SQL.
- Diagram of some parts in AutoCAD.
- Many websites ( for school or self-learning) use HTML and CSS with a few scripts from javascript
- Weather app using Bootstrap and Node.js
- Web platform( using Flask and google cloud datastore)
- Bachelor** thesis on Robot Pepper about Human-Robot Interaction
- Master** thesis on PROIECTAREA UNUI DIGITAL TWIN PRIN TELEOPERAREA UNUI ROBOT UMANOID

Links:

<https://www.linkedin.com/in/bogdan-gabriel-dr%C4%83ghici-124169152/>

<https://github.com/dbogdangabriel>

## **PROFESSIONAL EXPERIENCE**

---

**Paving Project**

**Google cloud platform training course**

**Course on Career Guidance - taken in 2020**

**One year in a basketball team (where we got 2 medals)**

## **ACHIEVEMENTS**

---

**Fortech Hackathon 1st place 2023**

**Concurs Antreprenoriat SAS-UTCN Mențiune 2023**

**IoT Student Challenge 3rd place 2022**

**Innovation Labs IdeaJam Contest 2022**

**Innovation Labs Cluj Hackathon 2022**

## **COMPETENȚE DE COMUNICARE ȘI INTERPERSONALE**

---

**The followings:**

Creativity/ Self-management/ Curiosity/ Motivation/ Calmness/ Friendliness/ Integrity/ Respect/ Collaboration/ Cooperation